

## FEATURES

**HOUSING** — Rugged, die-cast, soft corner aluminum housing with 0.12" nominal wall thickness. Standard finish is dark bronze polyester powder (DDB), with optional architectural colors available.

**DOOR FRAME** — Die-cast hinged door frame is fully gasketed with one-piece tubular silicone.

**LENS** — Prismatic, impact-resistant, tempered glass, drop-dish acrylic lens or drop-dish polycarbonate lens.

**MOUNTING** — Contoured, extruded 4" soft corner arm for pole or wall mounting is standard, with 9" arm optional. Arm is shipped in fixture carton.

**OPTICS** — Reflector is optical quality aluminum that works in tandem with a light-diffusing prismatic lens.

**ELECTRICAL SYSTEM** — Constant-wattage autotransformer ballast, copper wound and 100% factory tested.

**SOCKET** — Horizontally-oriented, mogul-base, porcelain socket with copper, alloy nickel-plated screw shell and center contact. UL listed 1500W-600V, 4KV pulse rated.

**LISTING** — UL 1572 listed for wet locations. Listed and labeled to comply with Canadian Standards (see Options).

Type .....

Catalog number .....

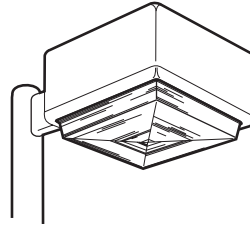
## Arm-Mounted Soft Square HID Lighting

**CONTOUR**  
SERIES

**KAC**

METAL HALIDE

150W, 175W, 200W, 250W, 320W, 350W, 400W  
20' to 25' Mounting



### Standard dimensions

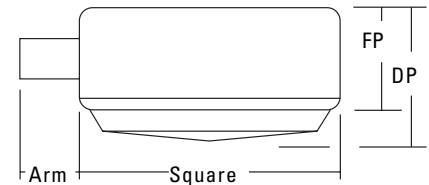
EPA: FP Option 1.2 ft<sup>2</sup> (.11m<sup>2</sup>)  
DP Option 1.4 ft<sup>2</sup> (.13m<sup>2</sup>)  
(both include arm)

Square: 17-1/2 (44.5)

Depth: FP Option 7-1/8 (18.1)

DP Option 11-1/8 (28.3)

Weight: 34 lbs. (15.4 kg)



All dimensions are inches (centimeters) unless otherwise specified.

## ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

Example: **KAC 175M FP 120 SPD04**

### KAC175M

Series	Lens	Voltage	Mounting <sup>2</sup>	Options
KAC 150M <sup>8</sup>	FP Flat prismatic C73T lens	120	SPD04 <sup>3</sup> Square pole (4" arm)	Shipped Installed
KAC 175M		208 <sup>10</sup>	SPD09 Square pole (9" arm)	SF Single fuse (120, 277, 347V, n/a TB)
KAC 200M <sup>9</sup>		240 <sup>10</sup>	RPD04 <sup>3</sup> Round pole (4" arm)	DF Double fuse (208, 240, 480V, n/a TB)
KAC 250M <sup>8</sup>	DPA Drop prismatic acrylic lens	277	RPD09 Round pole (9" arm)	PER NEMA twist-lock receptacle only (no photocell)
KAC 320M <sup>9</sup>		347	WWD04 <sup>3</sup> Wood pole or wall (4" arm)	QRS Quartz restrike system (100W max, 120V lamp not included)
KAC 350M <sup>9</sup>	DPP Drop prismatic polycarbon- ate lens	480 <sup>10</sup>	WWD09 Wood pole or wall (9" arm)	EC Emergency circuit
KAC 400M <sup>8</sup>		TB <sup>1</sup>	WBD04 Wall bracket (4" arm)	CSA Listed and labeled to comply with Canadian Standards
Optional Mounting (shipped separately)			SCWA Super CWA Pulse Start Ballast (TB only)	
KMA Mast arm adapter			LLRPSL Low Loss Reacot Pulse Start Ballast (277V only)	
KTMB Twin mounting bar			Shipped Separately <sup>4</sup>	
DAD12P Degree arm (pole)			PE1 NEMA twist-lock PE (120, 208, 240V)	
DAD12WB Degree arm (wall)			PE3 NEMA twist-lock PE (347V)	
			PE4 NEMA twist-lock PE (480V)	
			PE7 NEMA twist-lock PE (277V)	
			KACVG <sup>5</sup> Vandal guard	
			KACWG Wire guard	
			SC Shorting cap for PER option	

NOTES:

1 Multi-tap ballast (120, 208, 240, 277V). For Canada, consult factory.

2 Arm shipped in fixture carton.

3 The SPD09, RPD09 or WWD09 must be used when two or more luminaires are oriented on a 90° drilling pattern.

4 May be ordered as an accessory.

5 FP lens only.

6 Other architectural colors available; please see paint brochure.

7 Must use RPD09.

8 May be ordered with SCWA or LLRPSL.

9 Must be ordered with SCWA or LLRPSL.

10 Consult factory for availability in Canada.

Architectural Colors<sup>6</sup>

Standard Colors

DDB Dark bronze  
(standard)

DWH White

DBL Black

Classic Colors

DMB Medium bronze

DNA Natural  
aluminum

DSS Sandstone

DGC Charcoal gray

DTG Tennis green

DBR Bright red

DSB Steel blue

#### NOTES:

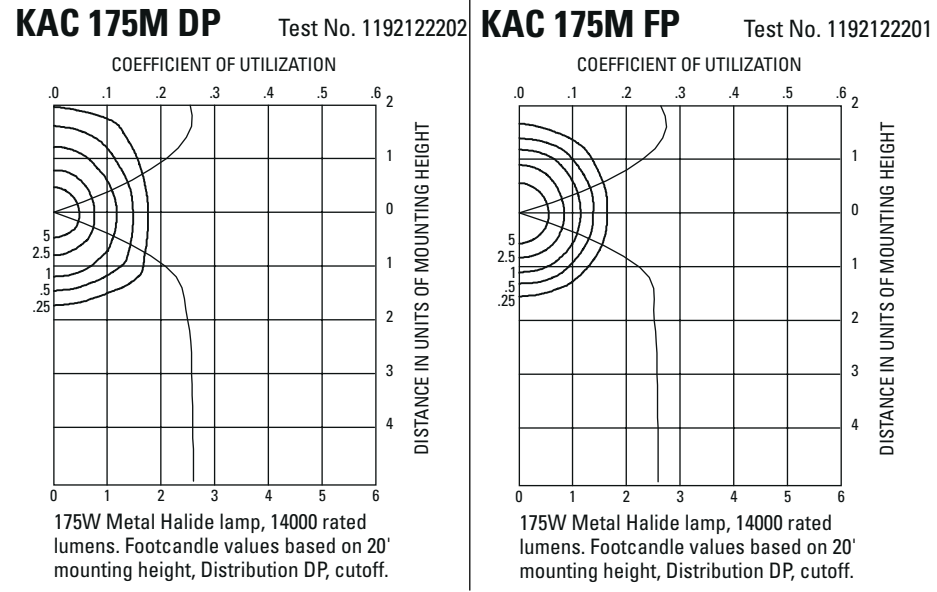
- Multi-tap ballast (120, 208, 240, 277V). For Canada, consult factory.
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- The SPD09, RPD09 or WWD09 must be used when two or more luminaires are oriented on a 90° drilling pattern.
- May be ordered as an accessory.
- FP lens only.
- Other architectural colors available; please see paint brochure.
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- May be ordered with SCWA or LLRPSL.
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- Consult factory for availability in Canada.

### Accessories: Tenon Mounting Slipfitter<sup>3</sup>

Number of fixtures						
Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@90°
2-3/8" (6)	<b>T20-190</b>	<b>T20-280</b>	<b>T20-290<sup>7</sup></b>	<b>T20-320<sup>7</sup></b>	<b>T20-390<sup>7</sup></b>	<b>T20-490<sup>7</sup></b>
2-7/8" (7.3)	<b>T25-190</b>	<b>T25-280</b>	<b>T25-290<sup>7</sup></b>	<b>T25-320<sup>7</sup></b>	<b>T25-390<sup>7</sup></b>	<b>T25-490<sup>7</sup></b>
4" (10.2)	<b>T35-190</b>	<b>T35-280</b>	<b>T35-290<sup>7</sup></b>	<b>T35-320<sup>7</sup></b>	<b>T35-390<sup>7</sup></b>	<b>T35-490<sup>7</sup></b>

# KAC Arm-Mounted Soft Square HID Lighting

Coefficient of Utilization \_\_\_\_\_  
Initial Footcandles \_\_\_\_\_



## ELECTRICAL CHARACTERISTICS

	Primary voltage	Line current (amps) start/operating	Primary dropout voltage	Input watts	Power factor (%)	Regulation Line V = Lamp lumens
175CWA	120	1.30/1.80	60			
Peak-lead	208	.75/1.10	104			
Autotransformer	240	.65/.90	120	210	90+	±10% = ±10%
	277	.55/.80	138			
	347	.50/.65	173			
	480	.35/.45	240			

Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.

## Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

10 ft. = 2.78

15 ft. = 1.93

25 ft. = 1.56

30 ft. = 0.69

$$\frac{\text{Existing Mounting Height}^2}{\text{New Mounting Height}^2} = \text{Correction Factor}$$

### NOTE:

1. Photometric data for other distributions can be accessed from the Lithonia Lighting website. ([www.Lithonia.com](http://www.Lithonia.com))

## KAC M1

©1993 Lithonia Lighting, Rev. 9/99  
KACM1.P65



General Purpose Outdoor Lighting · P.O. Box A, Conyers, GA 30012, 770-922-9000, Fax 770-483-2635  
[www.lithonia.com](http://www.lithonia.com) · In Canada: 1100 50th Ave., Lachine, Quebec H8T 2V3